CLAIM AMENDMENTS

1-6. (Cancelled).

7. (Currently Amended) A kit for treating a bone structure having a cavity, comprising:

a plurality of biocompatible, unconnected, implantable, laterally resilient wires; ~~and~~

a cannula configured for introducing the wires within the cavity of the bone structure in a web-like arrangement; and

a spraying device configured for applying uncured bone cement onto the web-like arrangement of wires.

8. (Original) The kit of claim 7, wherein the bone structure is a vertebral body.

9. (Original) The kit of claim 7, wherein the wires are composed of a polymer.

10.(Original) The kit of claim 9, wherein the polymer is polymethylmethacrylate (PMMA).

11. (Cancelled).

12. (Currently Amended) The kit of claim ~~11~~ 7, wherein the spraying device is configured to be introduced within the cannula.

13. (Currently Amended) The kit of claim ~~11~~ 7, further comprising the uncured bone cement.

14. (Original) The kit of claim 13, wherein both the wires and uncured bone cement are composed of polymethylmethacrylate (PMMA).

15. (Original) The kit of claim 7, further comprising a plunger assembly configured to be introduced within the cannula to apply a bone growth inducing material between the resilient wires in the web-like arrangement.

16. (Original) The kit of claim 15, further comprising the bone growth inducing material.

17. (Original) The kit of claim 7, wherein the bone structure comprises a compression fracture, and wherein the web-like arrangement comprises a structure that at least partially reduces the compression fracture.

18. (Original) The kit of claim 17, wherein the bone structure is a vertebral cavity and the compression fracture is a vertebral compression fracture.

19. (Original) The kit of claim 17, further comprising a separate compression fracture reducing device configured to facilitate reduction of the compression fracture.

20. (Currently Amended) A method of treating a bone structure, comprising:

introducing a cannula within the bone structure;

introducing a plurality of biocompatible, unconnected, implantable, wires through the cannula within the bone structure to create a web-like arrangement within the cavity of the bone structure, wherein the web-like arrangement comprises points of contact between the wires; and

spraying uncured bone cement onto the web-like arrangement of wires to interconnect the wires at the points of contact.

21. (Original) The method of claim 20, wherein the bone structure is a vertebral body.

22. (Original) The method of claim 20, wherein the wires are composed of a polymer.

23. (Original) The method of claim 20, wherein the wires are composed of polymethylmethacrylate (PMMA).

24-25. (Cancelled).

26. (Currently Amended) The method of claim ~~25~~ 20, wherein both the wires and uncured bone cement are composed of polymethylmethacrylate (PMMA).

27. (Original) The method of claim 20, further comprising applying a bone growth inducing material between the wires.

28. (Original) The method of claim 20, wherein the bone structure comprises a compression fracture, the method further comprising at least partially reducing the compression fracture by forming the web-like arrangement of wires within the cavity of the bone structure.

29. (Original) The method of claim 28, wherein the bone structure is a vertebral cavity and the compression fracture is a vertebral compression fracture.

30. (Previously Presented) The method of claim 28, further comprising:

inserting a separate compression fracture reducing device into the cavity of the bone structure;

reducing the compression fracture with the fracture reducing device; and

removing the fracture reducing device to relax the compression fracture, wherein the web-like arrangement of wires is formed within the cavity of the bone structure subsequent to the relaxation of the compression fracture.

31. (Cancelled)

32. (Previously Presented) The method of claim 20, wherein the wires are laterally resilient.